SECRET Internet Protocol Router Network (SIPRNET)

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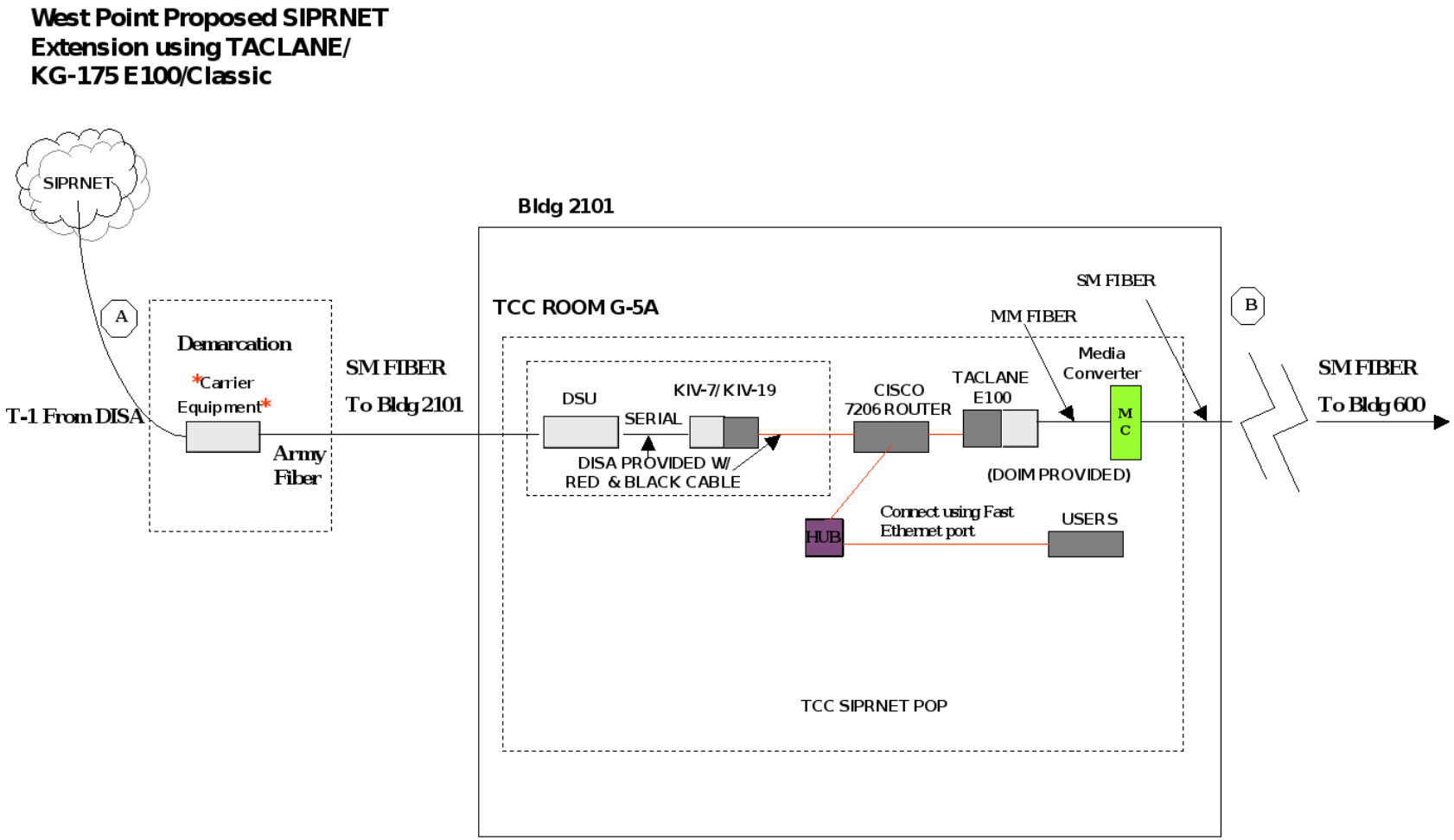
Explanation of SIPRNET

- The SIPRNET is the Defense Department's communications backbone, used for passing tactical and operational information at the secret classification level. The Joint Staff J-6 and the National Security Agency, Defense Intelligence Agency and Defense Information Systems Agency directors administer the SIPRNET jointly. These officers are called the SIPRNET designated approving authorities. They and their representatives (normally the Defense Information Systems Network Security Accreditation Working Group) manage the shared risk of the SIPRNET system and decide who can connect when, where and how.

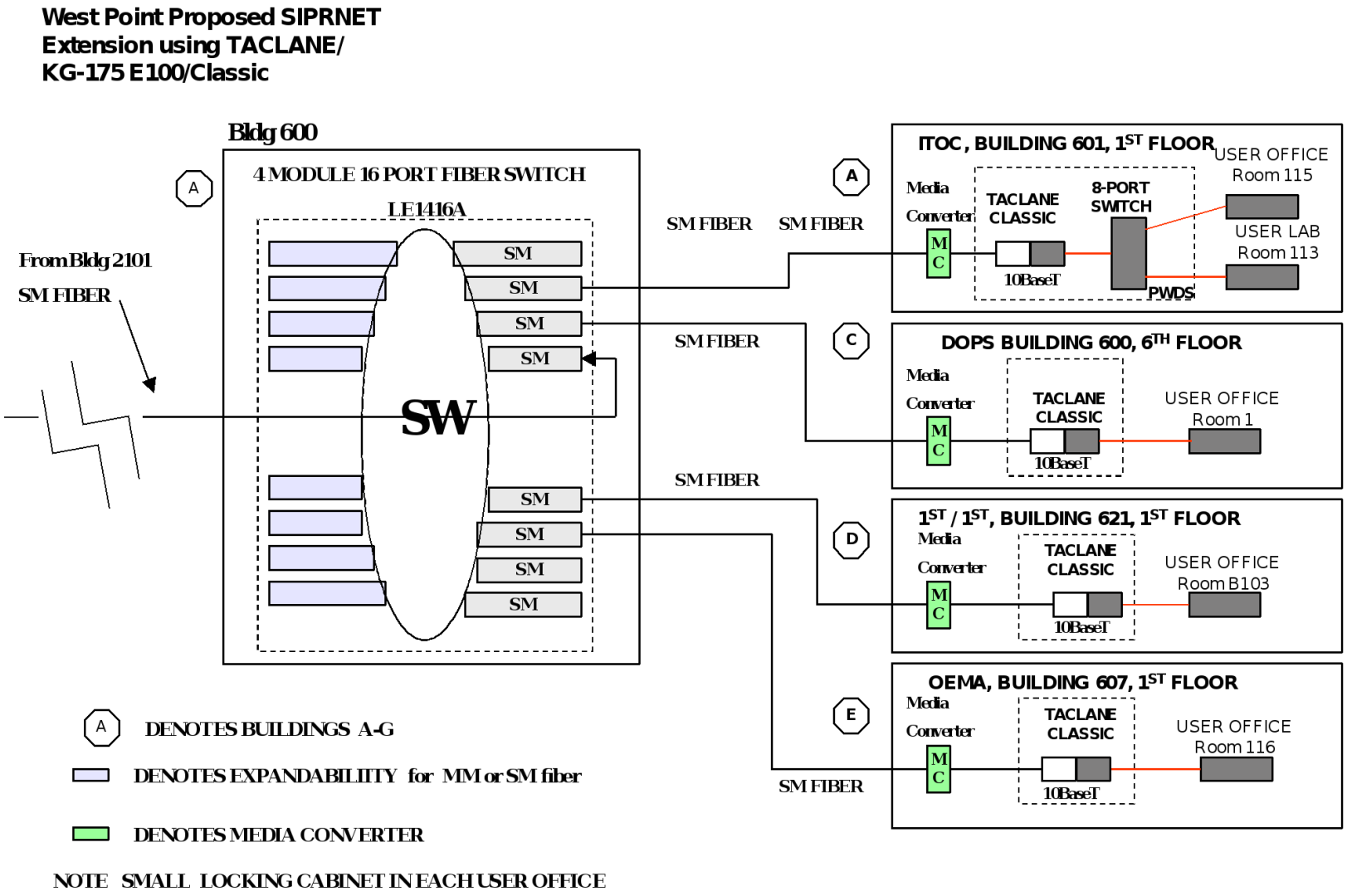
Requirement for SIPRNET

- Depending upon your unique situation, SIPRNET may be installed in several ways:
  - Site must have SIPRNET POP (must arrange for this circuit through DISA)
  - KIV / TACLANE / Sectera end equipment (used to extend the SIPRNET circuit to user)
  - Protected Wire Distribution may be required (when the user is not in the same room as the encryption equipment)

Example of SIPRNET (at POP)



Example of SIPRNET (at User)



SIPRNET References

- Army Regulation 25-1, Army Information Management, 31 May 2002 (http://www.army.mil/usapa/epubs/pdf/r25_1.pdf)
- Army Regulation 25-2, Information Assurance, 14 November 2003 (http://www.army.mil/usapa/epubs/pdf/r25_2.pdf)
- Army Regulation 380-5, Department of the Army Information Security Program, 29 September 2000 (http://www.army.mil/usapa/epubs/pdf/r380_5.pdf)
- Army Regulation 380-19, Information Systems Security, 27 February 1998 (http://www.fas.org/irp/doddir/army/r380_19.pdf)
- NSTISSAM TEMPEST/2-95, Red/Black Installation Guidance, 12 December 1995 (http://cryptome.sabotage.org/tempest-2-95.htm)
- NSTISSI No. 7003, Protective Distribution Systems (PDS), 13 December 1996 (http://www.nstissc.gov/Assets/pdf/nstissi_7003.pdf)
- SIPRNET Customer Connection Process Guide, 19 June 2003

FDED Capabilities

- The Fort Detrick Engineering Directorate provides engineering and installation assistance at the request of Army DOIMs and other customers who require SIPRNET extensions.
  - Engineering design with cost estimate for implementation of secure data communication links .
  - Implementation / installation of the SIPRNET extension.
  - If you would like to “hire” ISEC for your SIPRNET needs, please contact Mike Dayhoff (DSN 343-6406) or Cal Farrar (DSN 343-6417).